Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work: Detailed Estimated for Providing Cement Concrete to Cross Roads at Mantapa Pradesh area, in Ward No. 13, in Shettyhalli Sub-Division

Est .Cost Rs. 9.99 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.2: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2011-12								
	Surrounding Cross roads	Cum	2	35.00	0.45	0.45	14.18		
	Cross roads & approach roads		2	29.00	0.45	0.45	11.75		
							25.92	118.72	**3077.00**
	Basic Rate	112.00							
	Area Weightage @ 6%	6.72							
		118.72							
2	KSRB-2-2:1 Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(a)/ 2.3.5, Page No. 5/ Item No. 2.3, Page No. 12/ Item No. 4.2/ PWD SR 2011-12								
	CC Road near Mallikarjuna Temple L/s	Cum	1	35.00	5.00	0.40	70.00		
	CC Road near Mallikarjuna Temple R/s		1	60.00	7.00	0.40	168.00		
			1	10.00	4.00	0.40	16.00		
	For Culvert		2	6.00	2.00	1.20	28.80		
							282.80	142.04	**40169.00**
	Basic Rate	134.00							
	Area Weightage @ 6%	8.04							
		142.04							
3	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 cms thick Page No. 28/ Item No. 5.31.1/ PWD SR 2011-12	Sqm							
	L Shape Drain		2	35.00	0.90		63.00		
			2	60.00	0.90		108.00		
			1	10.00	0.90		9.00		
							180.00	321.18	**57812.00**
	Basic Rate	303.00							
	Area Weightage @ 6%	18.18							
	Total	**321.18**							

4	KSRB 4-1.2: Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 12/ Item No. 4.2/ PWD SR 2011-12								
	CC Road near Mallikarjuna Temple L/s	Cum	1	35.00	5.00	0.15	26.25		
	CC Road near Mallikarjuna Temple R/s		1	60.00	6.00	0.15	54.00		
			1	10.00	4.00	0.15	6.00		
	For Culverts		2	6.00	1.80	0.15	3.24		
							89.49	4077.82	**364924.00**
	Basic Rate	3715.00							
	Add Diffe cost of Cement 0.22x600	132.00							
	(220kgs/50kgs=4.40 bagsxRs.30.00 Diff cost/bag)=132.00	3847.00							
	Area Weightage @ 6%	230.82							
	Total	**4077.82**							
5	KSRB 5.3-3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2011-12	Cum							
	For Culverts		4	6.00	0.60	0.90	12.96		
							12.96	3230.88	**41872.00**
	Basic Rate	3006.00							
	Add Diff cost of Cement 0.07x600	42.00							
	(70kgs/50kgs=1.40 bagsxRs.30.00 Diff cost/bag)	3048.00							
	Area Weightage @ 6%	182.88							
	Total	**3230.88**							
6	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. Page No. 19/ Item No. 4.48.1/ PWD SR 2011-12								
	CC Road	Cum	1	35.00	5.00	0.15	26.25		
			1	60.00	6.00	0.15	54.00		
			1	10.00	4.00	0.15	6.00		
							86.25		
	For Culvert Covering		2	6.00	1.80	0.23	4.97	B	
	For Culvert Coping		4	6.00	0.60	0.10	1.44		
							92.66	4665.06	**432255.00**
	Basic Rate	4401.00							432264.00
	Area Weightage 6%	264.06							
	Total	**4665.06**							

7	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2011-12								
	For RCC Drain	Qtls		4.97	X	75kgs	3.73		
							3.73	7211.75	**26871.00**
	Basic Rate	5910.00							
	Add Extra rate for Steel	893.54							
	Total	6803.54							
	Area Weightage @ 6%	408.21							
	Total	**7211.75**							
8	KSRRB M2600-3. (II) Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per Drawing & Technical Specification. Complete as per Specifications. MORTH Specification no. 2605 Page No. 246/ Item No. 31.3/ PWD SR 2011-12								
		m	18	4.00			**72.00**	131.44	**9464.00**
	Basic Rate	124.00							
	Area Weightage 6%	7.44							
		131.44							
9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 (P.147 I.18.57/1)								
	Qty Vide Item No=1+2	Cum					**308.72**		
	Qty Limited to						**298.00**	75.47	**22490.00**
	(For 3 km = 3 x 1.28 x 2.0)	7.68							
	Loading and Unloading Charges	62.20							
		69.88							
	Area Weightage @ 8%	5.59							
	Total	**75.47**							
10	Miscellaneous and unforseen Charges								**66**
								Total	**999000.00**

(Rupees Nine Lakhs NinetyNineThousand Only)

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2011-12
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-13 A/S

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. JC(DH)AS/351/12-13 ದಿನಾಂಕ : 15/09/12
ರೂ. 9.99 Lakhs (Rupees Nine Lakhs Ninety-Nine thousand only)
P.No.023
SL.No.351

ನಂ. EE/00/93/158/12-13 ದಿನಾಂಕ : 25/9/2012
ರೂ. 9.99 Lakhs (Rupees Nine Lakhs Ninety Nine thousand only)